

WHAT IS CLAIMED IS:

1. A method for creating a preselected lenticular image comprising the steps of:
creating a first digital image on a plurality of first charged coupled device (CCD) sensor columns;
creating a second digital image on a plurality of second CCD sensor columns; and
storing said first and second digital images in an interleaved fashion.
2. A method as in claim 1 wherein each of said first columns is adjacent to each of said second columns.
3. A method as in claim 1 comprising the additional steps of:
creating a third digital image on a plurality of third CCD sensor columns.
4. A method as in claim 3 wherein each of said first columns is adjacent to each of said second columns and wherein each of said third columns is adjacent to each of said second columns.
5. A method as in claim 1 comprising the additional step of:
previewing said preselected lenticular image after storing said interleaved image.
6. A method as in claim 5 wherein said preselected lenticular image is previewed on a lenticular screen mounted on a digital camera.
7. A method as in claim 5 wherein said preselected lenticular image is previewed on a lenticular liquid crystal device (LCD) mounted on a digital camera.

8. A method as in claim 7 comprising the additional step of:
orienting lenticules on said lenticular LCD screen vertically
with respect to a viewer for previewing three dimensional (3D) preselected
lenticular images.

9. A method as in claim 7 comprising the additional step of:
orienting lenticules on said lenticular LCD screen parallel
with respect to a viewer for previewing action preselected lenticular images.

10. A method as in claim 1 wherein said preselected lenticular
image is a three dimensional (3D) image.

11. A method as in claim 1 wherein said preselected lenticular
image is an action image.

12. A digital camera for creating a preselected lenticular image
improvements therein comprising:
a sensor device for capturing images in a pixelated fashion;
and

wherein said sensor device is divided into groups of
columns and a first photograph is captured on a first column of each of said
groups, and a second photograph is captured on a second column of each of said
groups.

13. A digital camera as in claim 12 wherein said first and said
second photographs are stored as an interleaved image.

14. A digital camera as in claim 12 wherein a lenticular screen
on said digital camera previews said preselected lenticular image.

15. A digital camera as in claim 14 wherein action preselected lenticular images are previewed by viewing with lenticules on said lenticular screen oriented in a direction parallel to a viewers eyes.

16. A digital camera as in claim 12 wherein 3D preselected lenticular images are viewed with lenticules on said lenticular screen oriented in a direction perpendicular to a viewers eyes.

17. A digital camera as in claim 12 wherein a mode selector changes said digital camera capture mode from single image capture to preselected lenticular image capture.

18. A digital camera as in claim 12 wherein a mode selector on said digital camera changes a capture mode on said digital camera between a single image mode, a 3D imaging mode, and an action imaging mode.

19. A digital camera as in claim 12 wherein a burst mode switch sets a frames per second capture speed.

20. A method for creating a preselected lenticular image comprising the steps of:
creating a first digital image on a plurality of first complementary metal oxide semiconductor (CMOS) sensor columns;
creating a second digital image on a plurality of second CMOS sensor columns; and
storing said first and second digital images in an interleaved fashion.

21. A method as in claim 20 wherein each of said first columns is adjacent to each of said second columns.

22. A method as in claim 20 comprising the additional steps of:

creating a third digital image on a plurality of third CMOS sensor columns.

23. A method as in claim 22 wherein each of said first columns is adjacent to each of said second columns and wherein each of said third columns is adjacent to each of said second columns.

24. A method as in claim 20 comprising the additional step of: previewing said preselected lenticular image after storing said interleaved image.

25. A method as in claim 5 wherein said preselected lenticular image is previewed on a lenticular screen mounted on a digital camera.

26. A method as in claim 24 wherein said preselected lenticular image is previewed on a lenticular liquid crystal device (LCD) mounted on a digital camera.

27. A method as in claim 26 comprising the additional step of: orienting lenticules on said lenticular LCD screen vertically with respect to a viewer for viewing three dimensional (3D) preselected lenticular images.

28. A method as in claim 26 comprising the additional step of: orienting lenticules on said lenticular LCD screen parallel with respect to a viewer's eyes for previewing action preselected lenticular images.

29. A method as in claim 20 wherein said preselected lenticular image is a three dimensional (3D) image.

30. A method as in claim 20 wherein said preselected lenticular image is an action image.

31. A method for creating a preselected lenticular image comprising the steps of:
creating a first digital image on a plurality of first sensor columns;
creating a second digital image on a plurality of second sensor columns; and
storing said first and second digital images in an interleaved fashion.